Author Index

Afeyan, N. B.
——, Gordon, N. F. and Cooney, C. L.
Mathematical modelling of the continuous affinity-recycle extraction purification technique 1
Akama, Y., see Tong, A. 408
Alary, J., see Cantin, D. 231
Bartha, A., see Low, G. K.-C. 21
Berger, T. A.
Effects of temperature and density on retention in capillary supercritical-fluid chromatography 311
Billiet, H. A. H., see Low, G. K.-C. 21
Black, D. B.
——, Dawson, B. A. and Neville, G. A.
Analytical high-performance liquid chromatography system for separation of components in nonoxynol-9 spermicidal agents 244
Böhm, H. B.
——, Feltes, J., Volmer, D. and Levsen, K.
Identification of nitrophenols in rain-water by high-performance liquid chromatography with photodiode array detection 399
Cabras, P.
——, Spanedda, L., Tuberoso, C. and Gennari, M.
Separation of primicarb and its metabolites by high-performance liquid chromatography 250
Caccamese, S.
——, Cascio, O. and Compagnini, A.
Isolation of an antimicrobial bromoditerpene from a marine alga aided by improved bioautography 255
Caesar, R.
——, Weightman, H. and Mintz, G. R.
High-performance liquid chromatographic determination of alkylamidopropyl-N,N-dimethyl-N-(2,3-dihydroxypropyl)ammonium chlorides in aqueous solutions and cosmetic formulations 191
Cantin, D.
——, Richard, J.-M. and Alary, J.
Chromatographic behaviour and determination of orellanine, a toxin from the mushroom *Cortinarius orellanus* 231
Carini, M., see Pietta, P. 259
Cascio, O., see Caccamese, S. 255
Chadwick, V., see Hall, L. 438
Compagnini, A., see Caccamese, S. 255
Cooney, C. L., see Afeyan, N. B. 1
Creaser, C. S.
——, Koupai-Abyazani, M. R. and Stephenson, G. R.
Capillary column gas chromatography of methyl and trimethylsilyl derivatives of some naturally occurring flavonoid aglycones and other phenolics 415
Cross, R. F.
Narrow-bore high-performance liquid chromatography separations of 22 sulfonamides 422
Crow, J. A., see Foley, J. P. 287
Cung, M. T., see Gesquiere, J. C. 121
Dawson, B. A., see Black, D. B. 244
De Galan, L., see Low, G. K.-C. 21
De Kraa, M. A. G., see Niessen, W. M. A. 325
Diesis, E., see Gesquiere, J. C. 121
Donovan, T. J., see Wedzicha, B. L. 217
Dorland, P.
——, Tod, M., Postaire, E. and Pradeau, D.
Indirect detection of inorganic anions by high-performance liquid chromatography: use of papaveraldinium as an ultraviolet absorbing agent 131
Ellingsen, Y., see Langseth, W. 269
Feltes, J., see Böhm, H. B. 399
Foley, J. P.
——, Crow, J. A., Thomas, B. A. and Zamora, M.
Unavoidable flow-rate errors in high-performance liquid chromatography 287
Fowler, W. K.
—— and Smith, Jr., J. E.
Indirect determination of O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothioate in air at low concentrations 51
Fukushige, S., see Kato, Y. 264
Galan, L. de, see Low, G. K.-C. 21
Ganzerli Valentini, M. T., see Maggi, L. 225
Gennari, M., see Cabras, P. 250
Gesquiere, J. C.
——, Diesis, E., Cung, M. T. and Tartar, A.
Slow isomerization of some proline-containing peptides inducing peak splitting during reversed-phase high-performance liquid chromatography 121
Ghosh, S., see Hsu, F.-F. 429
Gordon, N. F., see Afeyan, N. B. 1
Greef, J. van der, see Niessen, W. M. A. 325

Green, J. S.
—— and Jorgenson, J. W.
Minimizing adsorption of proteins on fused silica in capillary zone electrophoresis by the addition of alkali metal salts to the buffers 63
Haagsma, N., see Van de Water, C. 205
Hall, L.
—— and Chadwick, V.
Quantitative determination of sulfanilamide in sodium sulfacetamide raw material and ophthalmic solutions by high-performance liquid chromatography 438
Hashimoto, T., see Kato, Y. 264
Haux, C., see Silversand, C. 387
Heeremans, C. E. M., see Niessen, W. M. A. 325
Hirose, Y., see Shimada, K. 339
Hoeven, R. A. M. van der, see Niessen, W. M. A. 325
Hsu, F.-F.
——, Ghosh, S. and Sherman, W. R.
Preparative high-performance liquid chromatography using detection by thermospray mass spectrometry 429
Jasinski, J. S.
Multiresidue procedures for the determination of chlorinated dibenzodioxins and dibenzofurans in a variety of foods using capillary gas chromatography–electron-capture detection 349
Jorgenson, J. W., see Green, J. S. 63
Kan, M.
——, Komatsu, F., Tanaka, S., Yoshida, H. and Taga, M.
Capillary isotachophoretic separation of phosphate, arsenate, germanate, silicate and molybdate ions using complex-forming equilibria 238
Kasai, K.-I., see Nakamura, K. 159
Kato, Y.
——, Yamasaki, Y., Onaka, A., Kitamura, T., Hashimoto, T., Murotsu, T., Fukushige, S. and Matsubara, K.
Separation of DNA restriction fragments by high-performance ion-exchange chromatography on a non-porous ion exchanger 264
——, see Nakamura, K. 159
Kawahara, Y., see Naganuma, H. 149
Kitamura, T., see Kato, Y. 264
Komatsu, F., see Kan, M. 238
Komine, Y., see Shimada, K. 339
Koupai-Abyazani, M. R., see Creaser, C. S. 415
Kraa, M. A. G. de, see Niessen, W. M. A. 325
Kuhn, R., see Mosher, R. A. 39
Langseth, W.
——, Ellingsen, Y., Nymoen, U. and Økland, E. M.
High-performance liquid chromatographic determination of zearalenone and ochratoxin A in cereals and feed 269
Levsen, K., see Böhm, H. B. 399
Low, G. K.-C.
——, Bartha, A., Billiet, H. A. H. and De Galan, L.
Systematic procedure for the determination of the nature of the solutes prior to the selection of the mobile phase parameters for optimization of reversed-phase ion-pair chromatographic separations 21
Maffei, F. R., see Pietta, P. 259
Maggi, L.
——, Stella, R., Ganzerli Valentini, M. T. and Pietta, P.
Model compound sorption by the resins XAD-2, XAD-8 and diethylaminoethylcellulose. An useful application to flavonoids isolation 225
Manes, L. V., see Ward, K. D. 169
Maoka, T.
—— and Matsuno, T.
Diastereomeric resolution of carotenoids. III. *β,β*-Caroten-2-ol, *β,β*-carotene-2,2′-diol and 2-hydroxyechinone 379
Matsubara, K., see Kato, Y. 264
Matsuno, T., see Maoka, T. 379
Mauri, P., see Pietta, P. 259
Miething, H.
—— and Seger, V.
Separation of non-polar compounds by droplet counter-current chromatography 433
Mintz, G. R., see Caesar, R. 191
Mori, S.
——, Saito, T. and Takeuchi, M.
Separation of prepolymers of phenol–formaldehyde resins by supercritical-fluid chromatography 181
Mosher, R. A.
——, Thormann, W., Kuhn, R. and Wagner, H.
Experimental and theoretical dynamics of isoelectric focusing. III. Transient multi-peak approach to equilibrium of proteins in simple buffers 39
Mucha, I.
——, Tanács, B. and Tóth, G.
Adsorption chromatographic separation of ^{125}I-labelled derivatives of 3′-azido-3′-deoxythymidine 280
Murotsu, T., see Kato, Y. 264

Naganuma, H.
—— and Kawahara, Y.
Sensitive fluorescence labelling for analysis of carboxylic acids with 4-bromomethyl-6,7-methylenedioxycoumarin 149
Nagasawa, K., see Uchiyama, H. 275
Nakamura, K.
——, Toyoda, K., Kato, Y., Shimura, K. and Kasai, K.-I.
Preparation of adsorbents for affinity chromatography using TSK gel Tresyl-Toyopearl 650M 159
Neville, G. A., see Black, D. B. 244
Niessen, W. M. A.
——, Van der Hoeven, R. A. M., De Kraa, M. A. G., Heeremans, C. E. M., Tjaden, U. R. and Van der Greef, J.
Repeller effects in discharge ionization in liquid and supercritical-fluid chromatography–mass spectrometry using a thermospray interface. II. Changes in some analyte spectra 325
Nymoen, U., see Langseth, W. 269
Oe, T., see Shimada, K. 339
Ogamo, A., see Uchiyama, H. 275
Økland, E. M., see Langseth, W. 269
Onaka, A., see Kato, Y. 264
Phillips, J. B., see Zhang, M. 141
Pietta, P., see Maggi, L. 225
——, Mauri, P., Facino, R. M. and Carini, M.
High-performance liquid chromatographic analysis of β-escin 259
Postaire, E., see Dorland, P. 131
Pradeau, D., see Dorland, P. 131
Richard, J.-M., see Cantin, D. 231
Rizzi, A. M.
Band broadening in high-performance liquid chromatographic separations of enantiomers with swollen microcrystalline cellulose triacetate packings. I. Influence of capacity factor, analyte structure, flow velocity and column loading 71
——, Band broadening in high-performance liquid chromatographic separations of enantiomers with swollen microcrystalline cellulose triacetate packings. II. Influence of eluent composition, temperature and pressure 87
——, Evaluation of the optimization potential in high-performance liquid chromatographic separations of optical isomers with swollen microcrystalline cellulose triacetate 101
Saito, T., see Mori, S. 181
Schmid, R. W.
—— and Wolf, C.
Enhanced ultraviolet detection in high-performance liquid chromatographic analysis of drugs by "on-line" photochemical reaction 369
Seger, V., see Miething, H. 433
Sherman, W. R., see Hsu, F.-F. 429
Shimada, K.
——, Oe, T., Hirose, Y. and Komine, Y.
Retention behaviour of cardiac steroids using cyclodextrin in the mobile phase in high-performance liquid chromatography 339
Shimura, K., see Nakamura, K. 159
Silversand, C.
—— and Haux, C.
Isolation of turbot (*Scophthalmus maximus*) vitellogenin by high-performance anion-exchange chromatography 387
Smith, Jr., J. E., see Fowler, W. K. 51
Spanedda, L., see Cabras, P. 250
Stella, R., see Maggi, L. 225
Stephenson, G. R., see Creaser, C. S. 415
Taga, M., see Kan, M. 238
Takeuchi, M., see Mori, S. 181
Tanács, B., see Mucha, I. 280
Tanaka, S., see Kan, M. 238
——, see Tong, A. 408
Tartar, A., see Gesquiere, J. C. 121
Tebbal, D., see Van de Water, C. 205
Thomas, B. A., see Foley, J. P. 287
Thormann, W., see Mosher, R. A. 39
Tjaden, U. R., see Niessen, W. M. A. 325
Tod, M., see Dorland, P. 131
Tong, A.
——, Akama, Y. and Tanaka, S.
Reversed-phase high-performance liquid chromatography of aluminium(III) and indium(III) with 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone 408
Tóth, G., see Mucha, I. 280
Toyoda, K., see Nakamura, K. 159
Tuberoso, C., see Cabras, P. 250
Uchiyama, H.
——, Ogamo, A. and Nagasawa, K.
Chromatographic method for determination of hexuronic acid in dermatan sulphate 275
Van der Greef, J., see Niessen, W. M. A. 325
Van der Hoeven, R. A. M., see Niessen, W. M. A. 325
Van de Water, C.
——, Tebbal, D. and Haagsma, N.
Monoclonal antibody-mediated clean-up procedure for the high-performance liquid chromatographic analysis of chloramphenicol in milk and eggs 205
Vobecký, M.
Chromatographic separation of the heavier lanthanoids on the spherical cation exchanger OSTION with α-hydroxy-α-methylbutyrate 446
Volmer, D., see Böhm, H. B. 399
Wagner, H., see Mosher, R. A. 39

Ward, K. D.
—— and Manes, L. V.
Separation of the four optical isomers of a dihydropyridine calcium channel antagonist 169
Water, C. van de, see Van de Water, C. 205
Wedzicha, B. L.
—— and Donovan, T. J.
Separation of derivatized black tea thearubigins by high-performance liquid chromatography 217
Weightman, H., see Caesar, R. 191
Wolf, C., see Schmid, R. W. 369
Yamasaki, Y., see Kato, Y. 264
Yoshida, H., see Kan, M. 238
Zamora, M., see Foley, J. P. 287
Zhang, M.
—— and Phillips, J. B.
Determination of activity coefficients of binary liquids by capillary gas chromatography with thermal desorption modulation for direct headspace sampling 141